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(71) Applicant (*for all designated States except US*): AIC  
[BE/BE]; Drie Eikenstraat 661, B-2650 Edegem (BE).

(72) Inventors; and

(75) Inventors/Applicants (*for US only*): LAMBEIR,  
Anne-Marie [BE/BE]; Sparrendreef 35, B-3001 Heverlee  
(BE). BRANDT, Inger [BE/BE]; Hogebrug 90, B-9280  
Lebbeke (BE). SCHARPÉ, Simon [BE/BE]; Kerkhof-  
straat 7, B-9280 Wieze (BE). DE MEESTER, Ingrid  
[BE/BE]; Fort 7-straat 7, B-2610 Wilrijk (BE).

(74) Agent: BRANTS, Johan, Philippe, Emile; Edgard  
Gevaertdreef 10a, B-9830 Sint-Martens-latem (BE).

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ance Notes on Codes and Abbreviations" appearing at the begin-  
ning of each regular issue of the PCT Gazette.*

(54) Title: BNP AGONISTS

(57) Abstract: The present invention relates to dipeptidyl peptidase resistant BNP agonists, their synthesis and therapeutic appli-  
cations thereof. In particular the present invention relates to compounds of formula (I): R-Xaa1-Xaa2-Xaa3-Pep-OH ; wherein R  
is selected from the group comprising hydrogen, acetyl, formyl, or alkyl, wherein Xaa1 is an amino-acid selected from serine, ala-  
nine, threonine or asparagine, Xaa2 is a L-amino acid or a D-amino acid, different from L-proline, L-alanine, L-glycine or L-serine,  
optionally substituted by at least one substituent selected from alkyl, aryl or acyl, and Xaa3 is a L-amino acid or a D-amino acid,  
optionally substituted by at least one substituent selected from alkyl, acetyl, or aryl, wherein Xaa1, Xaa2, Xaa3 are linked to each  
other by peptide bonds or pseudo-peptide bonds, and wherein Pep is a peptide sequence comprising not more than 29 amino acid  
residues said sequence comprising a disulfide linked ring structure said ring comprising between 12 and 20 amino acids, wherein  
the disulfide bond is formed by two cysteines.



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# INTERNATIONAL SEARCH REPORT

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## A. CLASSIFICATION OF SUBJECT MATTER

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A61P9/08 A61P1/16

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
C07K A61K A61P

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal; WPI Data, PAJ, BIOSIS, EMBASE, Sequence Search

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 2004/011498 A (CONJUCHEM INC; BRIDON, DOMINIQUE, P; BAKIS, PETER; CARETTE, JULIE; LEC) 5 February 2004 (2004-02-05) the whole document	1-23
X	WO 00/69900 A (CONJUCHEM, INC; BRIDON, DOMINIQUE, P; EZRIN, ALAN, M; MILNER, PETER, G) 23 November 2000 (2000-11-23) page 31, line 15 - page 32, line 2; claims; sequences 475-524 ----- -/-	1-9, 14, 18-23

☒ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

\* Special categories of cited documents :

"A" document defining the general state of the art which is not considered to be of particular relevance  
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"&" document member of the same patent family

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European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Döpfer, Klaus-Peter

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## C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>DESCHENES J ET AL: "Development of a selective peptide antagonist for the human natriuretic peptide receptor-B"  PEPTIDES, ELSEVIER, AMSTERDAM, US,  vol. 26, no. 3, March 2005 (2005-03),  pages 517-524, XP004989568  ISSN: 0196-9781  table 1  page 517, left-hand column, line 1 - page  518, left-hand column, line 12</p>	1-7,9, 14,19-23
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Information on patent family members

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